

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E80620

**Employer :** The Allen Institute for Brain Science

**Worksite :** Allen Institute

**Street :** 615 Westlake Ave N

**Jurisdiction :** City of Seattle

**Survey Date :** 5/25/2016

**Survey Type :** Online

**Response Rate :** 80%

### Drive Alone & One-Way VMT Rates at this Worksite

### Employees and Survey Response Information

**Drive Alone :** 20.0%

**Reported Total Employees at Worksite:** 323

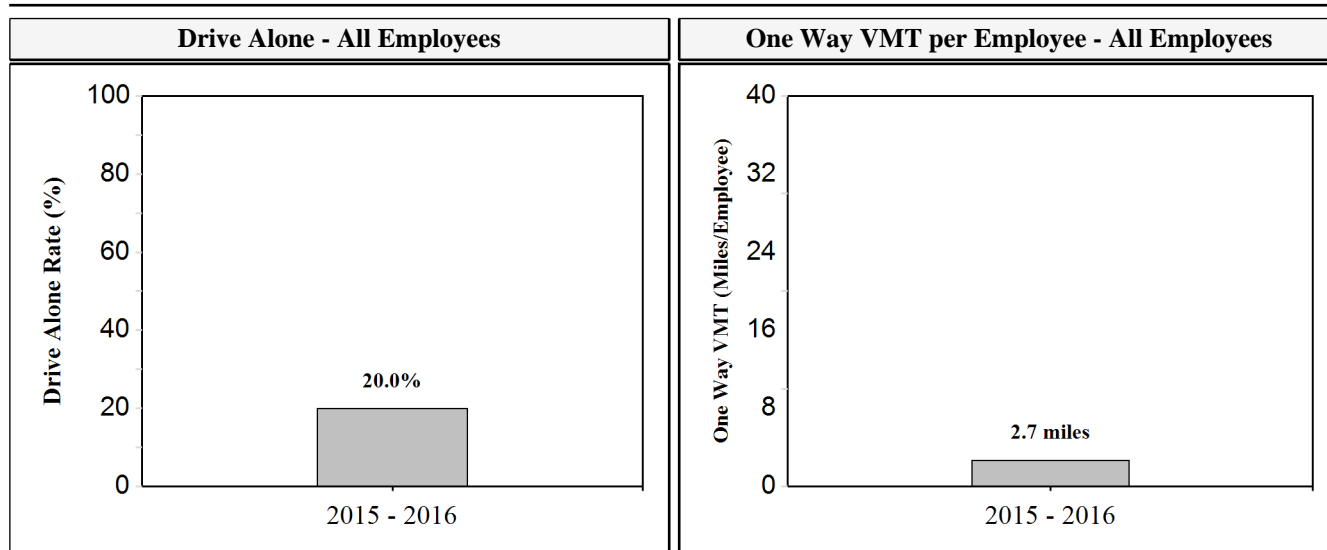
**Surveys Distributed :** 323

**One-Way VMT per employee :** 2.7

**Surveys Returned :** 260

**Surveys Returned by CTR Affected Employees :** 225

**Total Estimated CTR - Affected Employees at Worksite :** 280



### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	20.0%	19.8%	2.7	2.8
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	0.0%	0.0%	0.0%	0.0%

## Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2015 - 2016
Drive Alone - All Employees*	20.0%
Drive Alone - CTR Affected Employees*	19.8%
VMT/Employee - All Employees	2.7
VMT/Employees - CTR Affected Employees	2.8

\* Drive alone rate includes one person motorcycles.

## GHG Emissions: Total for Drive Alone, Carpools, Vanpools

### Annual Greenhouse Gas Emissions (Metric Tons CO<sub>2</sub>e) for Roundtrip Commute\*

Value	2015 - 2016
Emissions for Surveyed Employees	148
Estimated Emissions for Total Employment	184

\* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

## Bus Transit Passenger Miles and Rail Transit Passenger Miles\*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	538,043
Bus Annual Passenger Miles - Surveyed Employees	433,100
Ferry Annual Passenger Miles - Estimated for Total Employment	22,362
Ferry Annual Passenger Miles - Surveyed Employees	18,000
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	77,644
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	62,500

\* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO<sub>2</sub>e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO<sub>2</sub>e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO<sub>2</sub>e emissions per passenger mile for train/light rail/streetcar.

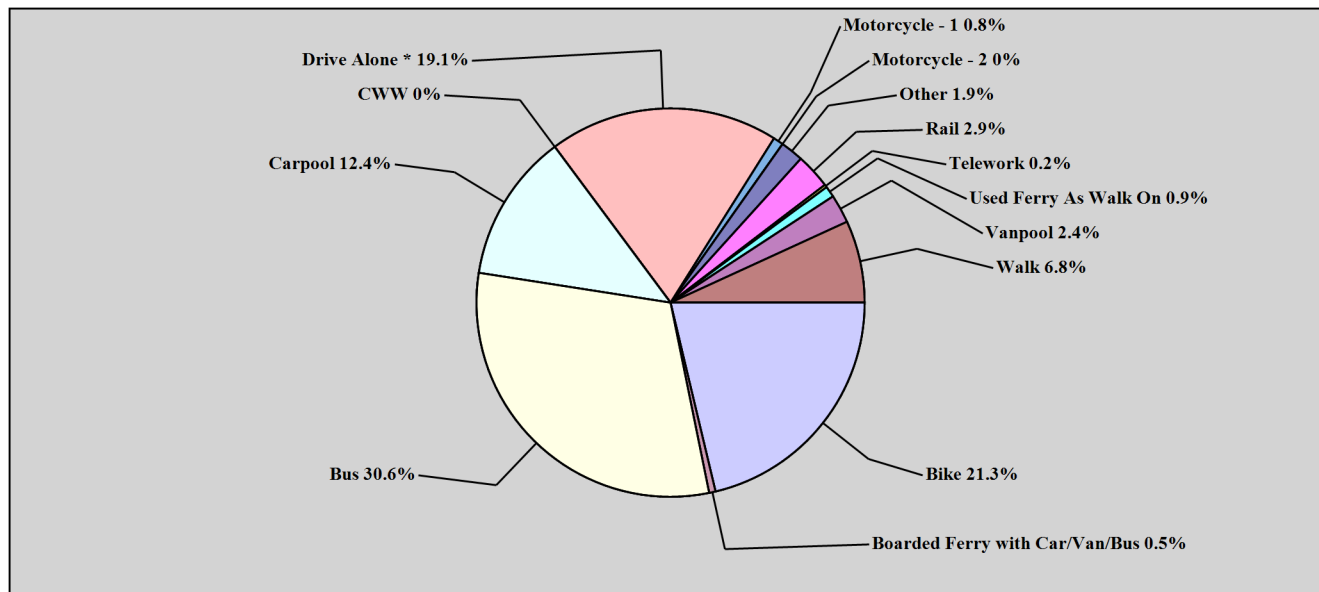
**Q3.**

<b>One way, how many miles do you commute from home to your usual work location?</b>
<b>Average one-way distance home to work: 10.1 miles</b>

## Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



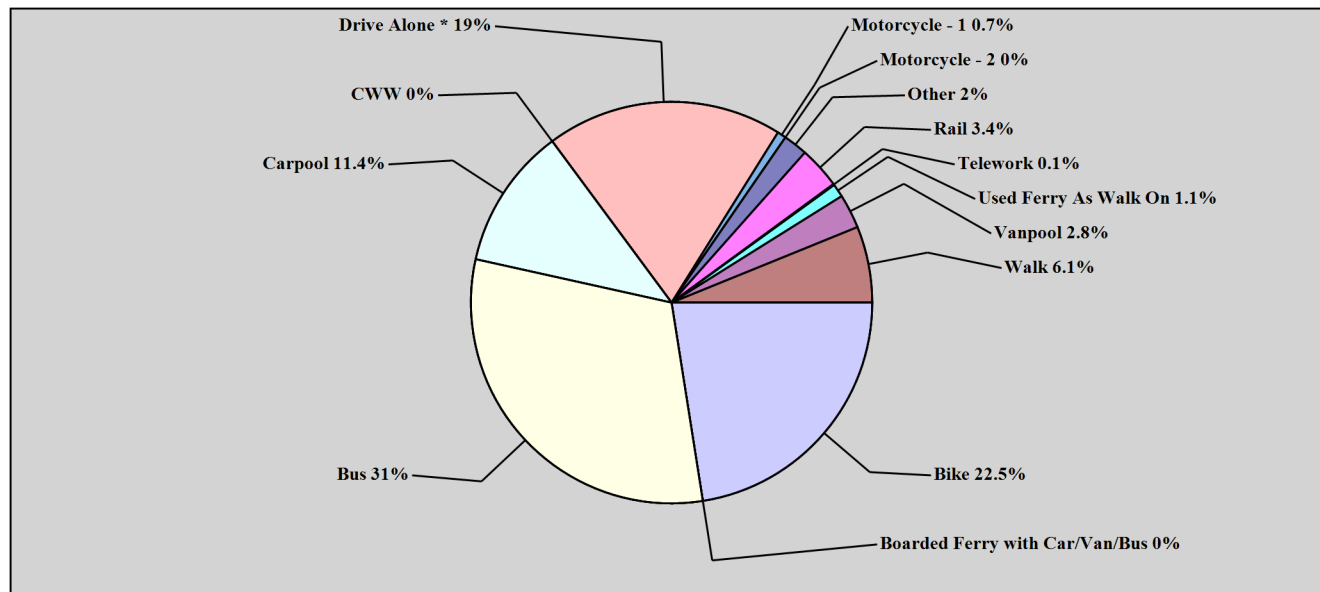
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	249	19.1%	0.0%	78	30.0%	0.0%
Carpool	161	12.4%	0.0%	44	16.9%	0.0%
Vanpool	31	2.4%	0.0%	6	2.3%	0.0%
Motorcycle - 1	11	0.8%	0.0%	4	1.5%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	399	30.6%	0.0%	101	38.8%	0.0%
Rail	38	2.9%	0.0%	10	3.8%	0.0%
Bike	277	21.3%	0.0%	70	26.9%	0.0%
Walk	89	6.8%	0.0%	26	10.0%	0.0%
Telework	3	0.2%	0.0%	3	1.2%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	7	0.5%	0.0%	1	0.4%	0.0%
Used Ferry As Walk On	12	0.9%	0.0%	3	1.2%	0.0%
Other	25	1.9%	0.0%	7	2.7%	0.0%

\* Drive alone mode includes fill-in, where applicable.

## Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	214	19.0%	0.0%	66	29.3%	0.0%
Carpool	128	11.4%	0.0%	37	16.4%	0.0%
Vanpool	31	2.8%	0.0%	6	2.7%	0.0%
Motorcycle - 1	8	0.7%	0.0%	2	0.9%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	348	31.0%	0.0%	86	38.2%	0.0%
Rail	38	3.4%	0.0%	10	4.4%	0.0%
Bike	253	22.5%	0.0%	63	28.0%	0.0%
Walk	69	6.1%	0.0%	20	8.9%	0.0%
Telework	1	0.1%	0.0%	1	0.4%	0.0%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	12	1.1%	0.0%	3	1.3%	0.0%
Other	22	2.0%	0.0%	6	2.7%	0.0%

\* Drive alone mode includes fill-in, where applicable.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	40	15%	260	100%
1 Days	1	0%	220	85%
2 Days	7	3%	219	84%
3 Days	13	5%	212	82%
4 Days	26	10%	199	77%
5 Days	159	61%	173	67%
6 or More Days	14	5%	14	5%

### Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	31	12.3%	13	5.1%	77	30.4%	32	12.6%	7	2.8%	6	2.4%	72	28.5%	5	2%	207	81.8%
4 days a week (4/10s)	0	0%	1	33.3%	0	0%	0	0%	1	33.3%	0	0%	1	33.3%	0	0%	2	66.7%
3 days a week	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
9 days in 2 weeks (9/80)	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	2	100%

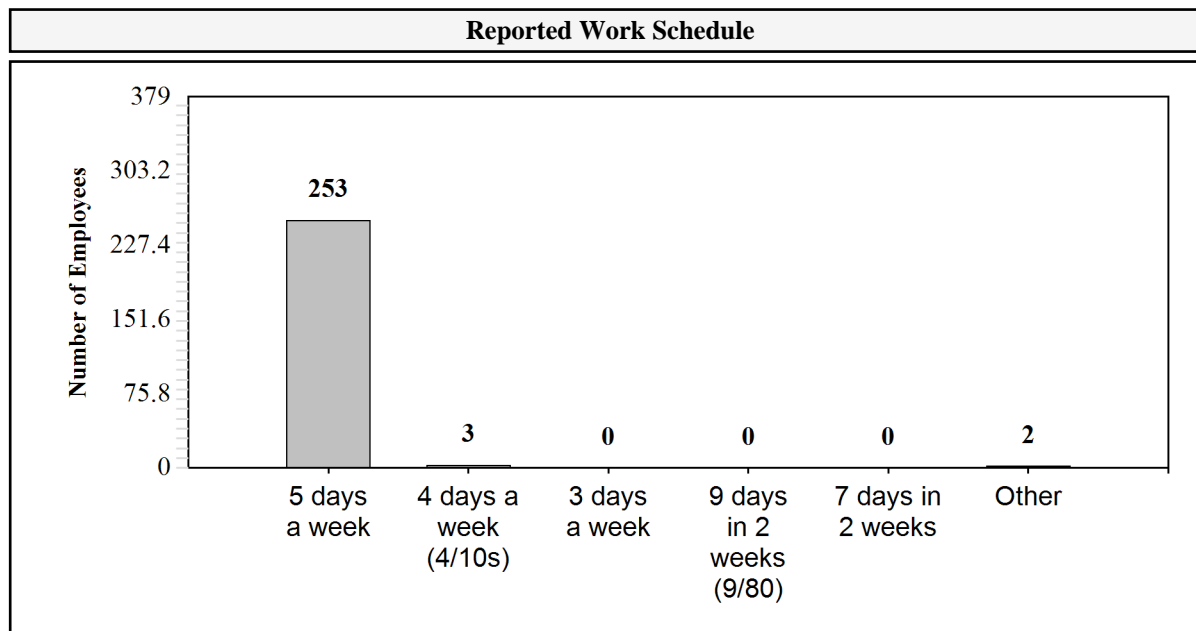
## Count by Occupancy of Carpools, Vanpools, and Motorcycles

**Q.4b** If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	11
2	Motorcycle	0
2	Carpool	141
3	Carpool	20
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	5
5	Vanpool	15
6	Vanpool	11
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

## Reported Work Schedule - All Employees

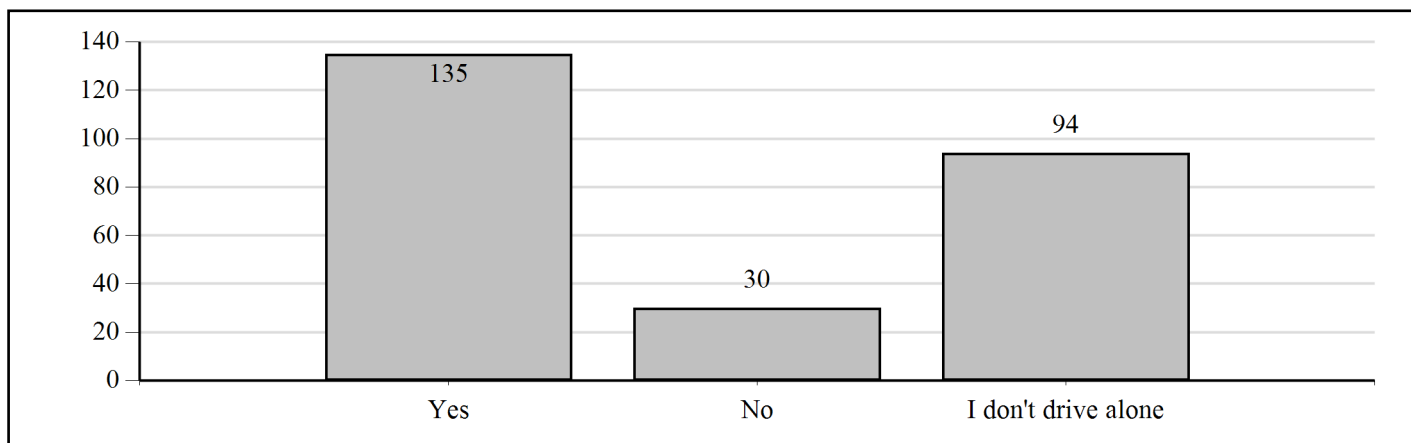
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	253	98.1%
4 days a week (4/10s)	3	1.2%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	0.8%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	1.2%
I don't telework	199	76.5%
Occasionally, on an as-needed basis	45	17.3%
1-2 days/month	8	3.1%
1 day/week	4	1.5%
2 days/week	0	0.0%
3 days/week	1	0.4%



## Reasons for driving alone to work/not driving alone to work

**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Cost of parking or lack of parking	129	19.5%
Free or subsidized bus, train, vanpool pass or fare benefit	128	19.4%
To save money	104	15.7%
Personal health or well-being	81	12.3%
Environmental and community benefits	64	9.7%
Financial incentives for carpooling, bicycling or walking.	39	5.9%
To save time using the HOV lane	33	5.0%
Other	32	4.8%
Driving myself is not an option	24	3.6%
I have the option of teleworking	10	1.5%
Emergency ride home is provided	7	1.1%
I receive a financial incentive for giving up my parking space	6	0.9%
Preferred/reserved carpool/vanpool parking is provided	4	0.6%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	142	29.3%
I like the convenience of having my car	115	23.8%
Family care or similar obligations	104	21.5%
Other	62	12.8%
Bicycling or walking isn't safe	28	5.8%
My commute distance is too short	13	2.7%
I need more information on alternative modes	12	2.5%
My job requires me to use my car for work	8	1.7%
There isn't any secure or covered bicycle parking	0	0.0%

**Employee Transit Use - All Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	2	0	0	15	0	0	8	0	3	3
2	3	0	0	12	0	0	9	0	4	1
3	0	0	0	10	0	0	0	0	0	0
4	0	0	0	8	0	0	4	0	0	0
5	1	0	0	14	0	0	3	0	1	1
6	1	0	0	7	0	0	2	0	0	0
7	0	0	0	1	0	0	0	0	0	0
8	2	0	0	8	1	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	5	0	2	40	1	0	8	0	2	1
11 or more	0	0	0	13	0	0	1	0	0	0
# Of Employees using Transit	14	0	2	128	2	0	36	0	10	6
Total One-Way Transit Trips Per Week	85	0	20	880	18	0	169	0	36	20

**Employee Transit Use - Affected Employees**

**Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.**

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	15	0	0	8	0	3	2
2	3	0	0	9	0	0	7	0	3	1
3	0	0	0	7	0	0	0	0	0	0
4	0	0	0	7	0	0	3	0	0	0
5	1	0	0	14	0	0	3	0	1	1
6	1	0	0	4	0	0	2	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	7	1	0	1	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	5	0	2	38	1	0	8	0	2	1
11 or more	0	0	0	12	0	0	0	0	0	0
# Of Employees using Transit	13	0	2	113	2	0	32	0	9	5
Total One-Way Transit Trips Per Week	84	0	20	778	18	0	149	0	34	19

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
05201	1	0.38%	0	0	0	0	5	0	0	0	0	0	0	0	0
98003	2	0.77%	5	0	0	0	5	0	0	0	0	0	0	0	0
98005	3	1.15%	5	11	0	0	0	0	0	0	0	0	0	0	0
98006	7	2.69%	10	25	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.38%	0	0	0	0	5	0	0	0	0	0	0	0	0
98008	2	0.77%	10	0	0	0	0	0	0	0	0	0	0	0	0
98011	2	0.77%	7	0	0	0	4	0	0	0	0	0	0	0	0
98012	3	1.15%	2	7	0	0	0	0	0	0	0	0	0	0	4
98021	1	0.38%	0	0	5	0	0	0	0	0	0	0	0	0	0
98023	1	0.38%	0	0	0	0	6	0	0	0	0	0	0	0	0
98026	1	0.38%	0	5	0	0	0	0	0	0	0	0	0	0	0
98027	3	1.15%	4	6	0	0	5	0	0	0	0	0	0	0	0
98028	1	0.38%	2	0	0	0	0	0	3	0	0	0	0	0	0
98029	1	0.38%	0	0	5	0	0	0	0	0	0	0	0	0	0
98030	1	0.38%	0	0	0	0	0	5	0	0	0	0	0	0	0
98031	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98033	2	0.77%	4	0	0	1	5	0	0	0	0	0	0	0	0
98034	5	1.92%	6	7	0	0	9	0	3	0	0	0	0	0	0
98036	3	1.15%	5	0	0	0	10	0	0	0	0	0	0	0	0
98037	1	0.38%	0	0	0	0	5	0	0	0	0	0	0	0	0
98039	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	2	0.77%	10	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.38%	0	2	0	0	2	0	0	0	0	0	0	0	0
98043	2	0.77%	0	0	0	0	10	0	0	0	0	0	0	0	0
98058	3	1.15%	8	0	0	0	0	8	0	0	0	0	0	0	0
98059	1	0.38%	0	5	0	0	0	0	0	0	0	0	0	0	0



98072	2	0.77%	0	0	0	0	5	0	5	0	0	0	0	0	0
98075	4	1.54%	1	0	5	0	14	0	0	0	0	0	0	0	0
98087	1	0.38%	5	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	0.38%	0	0	0	0	0	5	0	0	0	0	0	0	0
98101	3	1.15%	0	0	0	0	5	0	5	3	0	0	0	0	2
98102	8	3.08%	6	0	0	0	11	2	9	12	0	0	0	0	0
98103	33	12.69%	29	6	0	0	55	0	62	2	1	0	0	0	13
98105	4	1.54%	5	0	0	0	17	0	0	0	0	0	0	0	0
98106	5	1.92%	3	12	0	0	5	0	5	0	0	0	0	0	0
98107	14	5.38%	9	11	0	2	22	0	25	1	0	0	0	0	0
98108	4	1.54%	1	6	0	0	2	8	3	0	0	0	0	0	0
98109	10	3.85%	0	6	0	0	5	0	7	33	0	0	0	0	0
98110	1	0.38%	0	0	0	0	0	0	0	0	0	0	0	5	0
98112	5	1.92%	6	0	0	0	9	0	5	5	0	0	0	0	0
98115	16	6.15%	21	6	0	0	36	0	17	2	0	0	0	0	0
98116	1	0.38%	0	0	0	0	0	0	3	0	0	0	0	2	0
98117	13	5.00%	7	1	0	0	28	0	26	2	0	0	0	0	0
98118	1	0.38%	3	0	0	0	0	0	0	0	0	0	0	0	0
98119	18	6.92%	11	1	0	3	26	0	35	9	0	0	0	0	0
98121	3	1.15%	0	0	0	0	0	0	0	15	0	0	0	0	0
98122	7	2.69%	3	5	0	0	10	0	12	5	0	0	0	0	0
98125	11	4.23%	16	1	0	0	21	0	20	0	0	0	0	0	0
98126	1	0.38%	0	0	0	0	1	0	3	0	0	0	0	0	0
98133	7	2.69%	7	6	0	0	21	0	1	0	0	0	0	0	0
98144	2	0.77%	1	0	0	0	0	4	5	0	0	0	0	0	0
98146	2	0.77%	10	0	0	0	0	0	0	0	0	0	0	0	0
98155	6	2.31%	3	4	0	0	11	0	0	0	0	0	7	0	5
98168	2	0.77%	0	5	0	0	0	0	0	0	0	0	0	5	1
98177	3	1.15%	0	0	0	0	5	0	10	0	0	0	0	0	0
98178	2	0.77%	1	3	0	0	0	6	0	0	0	0	0	0	0
98199	6	2.31%	6	5	0	0	0	0	13	0	1	0	0	0	0
98201	3	1.15%	0	10	0	0	5	0	0	0	0	0	0	0	0
98208	2	0.77%	0	0	11	0	0	0	0	0	0	0	0	0	0
98270	2	0.77%	0	5	5	0	0	0	0	0	0	0	0	0	0
98296	2	0.77%	5	0	0	0	7	0	0	0	0	0	0	0	0
98311	1	0.38%	0	0	0	5	0	0	0	0	0	0	0	0	0
98346	1	0.38%	0	0	0	0	4	0	0	0	1	0	0	0	0



98503	1	0.38%	2	0	0	0	3	0	0	0	0	0	0	0	0
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